APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/677,956	10/01/2003	Suzanne Zebedee	323-100US D	9260

7590   09/27/2006

Joseph E. Mueth, Esq.
Joseph E. Mueth Law Corporation
8th Floor
225 South Lake Avenue
Pasadena, CA 91101

EXAMINER
LUCAS, ZACHARIAH

ART UNIT	PAPER NUMBER
1648	

DATE MAILED: 09/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Sequence Compliance

1.   This application contains sequence disclosures that are encompassed by the definitions

for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However,

this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the

reason(s) set forth below or on the attached Notice To Comply With Requirements For Patent

Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.

The submitted CRF and paper copies of the sequence listing do not match. The CRF has

74 sequences, whereas the paper copy shows 76 sequences. See attached: Raw Sequence Listing

(showing that 74 sequences are present in the listing), and pages 1 and 41 of paper copy

(showing that 76 sequences are present in that copy). Because these two listings do not match,

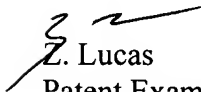the Applicant has not complied with the sequence rules (esp., 37 CFR 1.821(e)).

Applicant is given ONE MONTH, or THIRTY DAYS, whichever is longer, from the

mailing date of this letter within which to comply with the sequence rules, 37 CFR 1.821 - 1.825.

Failure to comply with these requirements will result in ABANDONMENT of the application

under 37 CFR 1.821(g). Extensions of time may be obtained by filing a petition accompanied by

the extension fee under the provisions of 37 CFR 1.136(a). In no case may an applicant extend

the period for reply beyond the SIX MONTH statutory period. Direct the reply to the

undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the

reply.

2.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Zachariah Lucas whose telephone number is 571-272-0905. The

examiner can normally be reached on Monday-Friday, 8 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bruce Campell can be reached on 571-272-0974. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Z. Lucas
Patent Examiner

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____10/677, 956 B_____

Source: _____I.F.W/6_____

Date Processed by STIC: _____09/14/2006_____

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IFW16

RAW SEQUENCE LISTING   DATE: 09/14/2006
PATENT APPLICATION: US/10/677,956B   TIME: 15:32:14

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Output Set: N:\CRF4\09142006\J677956B.raw

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 6         Inchauspe, Genevieve
 7         Nasoff, Marc S.
 8         Prince, Alfred M.
10 <120> TITLE OF INVENTION: METHODS AND SYSTEMS FOR PRODUCING RECOMBINANT
VIRAL ANTIGENS
12 <130> FILE REFERENCE: 323-100USD
14 <140> CURRENT APPLICATION NUMBER: 10/677,956B
15 <141> CURRENT FILING DATE: 2003-10-01
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18 <151> PRIOR FILING DATE: 1997-09-16
20 <150> PRIOR APPLICATION NUMBER: 08/563,733
21 <151> PRIOR FILING DATE: 1995-11-08
23 <150> PRIOR APPLICATION NUMBER: 08/272,271
24 <151> PRIOR FILING DATE: 1994-07-08
26 <150> PRIOR APPLICATION NUMBER: 07/616,369
27 <151> PRIOR FILING DATE: 1990-11-21
29 <150> PRIOR APPLICATION NUMBER: 07/573,643
30 <151> PRIOR FILING DATE: 1990-08-27
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53         15              20              25
55 gaa gag aag gct ttc agc cca gaa gtg ata ccc atg ttt tca gca tta     147
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59 tca gaa gga gcc acc cca caa gat tta aac acc atg cta aac aca gtg     195
60 Ser Glu Gly Ala Thr Pro Gln Asp Leu Asn Thr Met Leu Asn Thr Val
61 45              50              55              60
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RAW SEQUENCE LISTING   DATE: 09/14/2006
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 73             95             100             105
 75 act agt acc ctt cag gaa caa ata gga tgg atg aca aat aat cca cct    387
 76 Thr Ser Thr Leu Gln Glu Gln Ile Gly Trp Met Thr Asn Asn Pro Pro
 77            110             115             120
 79 atc cca gta gga gaa att tat aaa aga tgg ata atc ctg gga tta aat    435
 80 Ile Pro Val Gly Glu Ile Tyr Lys Arg Trp Ile Ile Leu Gly Leu Asn
 81 125             130             135             140
 83 aaa ata gta aga atg tat agc cct acc agc att ctg gac ata aga caa    483
 84 Lys Ile Val Arg Met Tyr Ser Pro Thr Ser Ile Leu Asp Ile Arg Gln
 85             145             150             155
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 89             160             165             170
 91 cta aga gcc gag caa gct tca cag gag gta aaa aat tgg atg aca gaa    579
 92 Leu Arg Ala Glu Gln Ala Ser Gln Glu Val Lys Asn Trp Met Thr Glu
 93             175             180             185
 95 acc ttg ttg gtc caa aat gcg aac cca gat tgt aag act att tta aaa    627
 96 Thr Leu Leu Val Gln Asn Ala Asn Pro Asp Cys Lys Thr Ile Leu Lys
 97            190             195             200
 99 gca ttg gga cca gcg gct aca cta gaa gaa atg atg aca gca tgt cag    675
100 Ala Leu Gly Pro Ala Ala Thr Leu Glu Glu Met Met Thr Ala Cys Gln
101 205             210             215             220
103 gga gta gga gga ccc aaa aat caa caa tta tta tcc tta tgg ggg tgt    723
104 Gly Val Gly Gly Pro Lys Asn Gln Gln Leu Leu Ser Leu Trp Gly Cys
105             225             230             235
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PATENT APPLICATION: US/10/677,956B   TIME: 15:32:14

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152             115                 120                 125
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156     130                 135                 140
159 Met Tyr Ser Pro Thr Ser Ile Leu Asp Ile Arg Gln Gly Pro Lys Glu
160 145                 150                 155                 160
163 Pro Phe Arg Asp Tyr Val Asp Arg Phe Tyr Lys Thr Leu Arg Ala Glu
164                 165                 170                 175
167 Gln Ala Ser Gln Glu Val Lys Asn Trp Met Thr Glu Thr Leu Leu Val
168         .       180                 185                 190
171 Gln Asn Ala Asn Pro Asp Cys Lys Thr Ile Leu Lys Ala Leu Gly Pro
172             195                 200                 205
175 Ala Ala Thr Leu Glu Glu Met Met Thr Ala Cys Gln Gly Val Gly Gly
176     210                 215                 220
179 Pro Lys Asn Gln Gln Leu Leu Ser Leu Trp Gly Cys Lys Gly Lys Leu
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204                1               5                  10
206 cat cag gcc ata tca cct aga act tta aat gca tgg gta aaa gta gta         99
207 His Gln Ala Ile Ser Pro Arg Thr Leu Asn Ala Trp Val Lys Val Val
208         15                  20                  25
210 gaa gag aag gct ttc agc cca gaa gtg ata ccc atg ttt tca gca tta        147
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212     30                  35                  40
214 tca gaa gga gcc acc cca caa gat tta aac acc atg cta aac aca gtg        195
215 Ser Glu Gly Ala Thr Pro Gln Asp Leu Asn Thr Met Leu Asn Thr Val
216 45                  50                  55                  60
218 ggg gga cat caa gca gcc atg caa atg tta aaa gag acc atc aat gag        243
219 Gly Gly His Gln Ala Ala Met Gln Met Leu Lys Glu Thr Ile Asn Glu
220             65                  70                  75
222 gaa gct gca gaa tgg gat aga gtg cat cca gtg cat gca ggg cct att        291
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227 Ala Pro Gly Gln Met Arg Glu Pro Arg Gly Ser Asp Ile Ala Gly Thr
228             95                  100                 105
230 act agt acc ctt cag gaa caa ata gga tgg atg aca aat aat cca cct    387
231 Thr Ser Thr Leu Gln Glu Gln Ile Gly Trp Met Thr Asn Asn Pro Pro
232     110                 115                 120
234 atc cca gta gga gaa att tat aaa aga tgg ata atc ctg gga tta aat    435
235 Ile Pro Val Gly Glu Ile Tyr Lys Arg Trp Ile Ile Leu Gly Leu Asn
236 125                 130                 135                 140
238 aaa ata gta aga atg tat agc cct acc agc att ctg gac ata aga caa    483
239 Lys Ile Val Arg Met Tyr Ser Pro Thr Ser Ile Leu Asp Ile Arg Gln
240                 145                 150                 155
242 gga cca aag gaa ccc ttt aga gac tat gta gac cgg ttc tat aaa act    531
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244             160                 165                 170
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251 Thr Leu Leu Val Gln Asn Ala Asn Pro Asp Cys Lys Thr Ile Leu Lys
252     190                 195                 200
254 gca ttg gga cca gcg gct aca cta gaa gaa atg atg aca gca tgt cag    675
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256 205                 210                 215                 220
258 gga gta gga gga ccc aaa aat caa caa aga tta aat tta tgg ggg tgt    723
259 Gly Val Gly Gly Pro Lys Asn Gln Gln Arg Leu Asn Leu Trp Gly Cys
260                 225                 230                 235
262 aaa ggg aaa ctt att tgt tat act tcc gtt aaa tgg aat gga ccc ggc    771
263 Lys Gly Lys Leu Ile Cys Tyr Thr Ser Val Lys Trp Asn Gly Pro Gly
264             240                 245                 250
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283             20                  25                  30
286 Phe Ser Pro Glu Val Ile Pro Met Phe Ser Ala Leu Ser Glu Gly Ala
287         35                  40                  45
290 Thr Pro Gln Asp Leu Asn Thr Met Leu Asn Thr Val Gly Gly His Gln
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Input Set : E:\16988.ST25.txt
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307              115              120              125
310 Glu Ile Tyr Lys Arg Trp Ile Ile Leu Gly Leu Asn Lys Ile Val Arg
311         130              135              140
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315 145                  150              155                  160
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322 Gln Ala Ser Gln Glu Val Lys Asn Trp Met Thr Glu Thr Leu Leu Val
323              180              185              190
326 Gln Asn Ala Asn Pro Asp Cys Lys Thr Ile Leu Lys Ala Leu Gly Pro
327         195              200              205
330 Ala Ala Thr Leu Glu Glu Met Met Thr Ala Cys Gln Gly Val Gly Gly
331     210              215              220
334 Pro Lys Asn Gln Gln Arg Leu Asn Leu Trp Gly Cys Lys Gly Lys Leu
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363         15              20              25
365 gaa gag aag gct ttc agc cca gaa gtg ata ccc atg ttt tca gca tta    147
366 Glu Glu Lys Ala Phe Ser Pro Glu Val Ile Pro Met Phe Ser Ala Leu
367     30              35              40          .
369 tca gaa gga gcc acc cca caa gat tta aac acc atg cta aac aca gtg    195
370 Ser Glu Gly Ala Thr Pro Gln Asp Leu Asn Thr Met Leu Asn Thr Val   ·
371 45              50              55              60
373 ggg gga cat caa gca gcc atg caa atg tta aaa gag acc atc aat gag    243
374 Gly Gly His Gln Ala Ala Met Gln Met Leu Lys Glu Thr Ile Asn Glu
375              65              70              75
377 gaa gct gca gaa tgg gat aga gtg cat cca gtg cat gca ggg cct att    291
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/14/2006
PATENT APPLICATION: US/10/677,956B   TIME: 15:32:15

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VERIFICATION SUMMARY   DATE: 09/14/2006
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His Gln Ala Ile Ser Pro Arg Thr Leu Asn Ala Trp Val Lys Val Val
        15   20   25

gaa gag aag gct ttc agc cca gaa gtg ata ccc atg ttt tca gca tta   147
Glu Glu Lys Ala Phe Ser Pro Glu Val Ile Pro Met Phe Ser Ala Leu
    30   35   40

tca gaa gga gcc acc cca caa gat tta aac acc atg cta aac aca gtg   195
Ser Glu Gly Ala Thr Pro Gln Asp Leu Asn Thr Met Leu Asn Thr Val
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Gly Leu Glu Phe Pro Asn Leu Pro Tyr Tyr Ile Asp Gly Asp Val Lys
    50                  55                  60

Leu Thr Gln Ser Met Ala Ile Ile Arg Tyr Ile Ala Asp Lys His Asn
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Lys Asp Phe Glu Thr Leu Lys Val Asp Phe Leu Ser Lys Leu Pro Glu
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